

## CLAIMS

1. A method for producing a granular composition  
5 comprising calcium and phosphorus, in which a calcium compound is granulated while adding a granulation liquid, characterised in that the granulation liquid comprises sulphuric acid.

2. A method as claimed in claim 1, wherein the sulphuric acid is added in such an amount that the final  
10 product comprises 1-9% by weight sulphur.

3. A method as claimed in claim 1 or 2, wherein the granulation liquid comprises 25-95% by weight sulphuric acid.

4. A method as claimed in any one of claims 1-3,  
15 wherein the sulphuric acid is added in such an amount that the final product has a buffer capacity of less than 700 mekv  $H^+$ /kg.

5. A method as claimed in any one of claims 1-4,  
20 wherein the calcium compound comprises a calcium phosphate.

6. A method as claimed in claim 5, wherein the calcium phosphate comprises dicalcium phosphate.

7. A method as claimed in any one of claims 1-6,  
25 wherein the calcium compound comprises limestone.

8. A method as claimed in any one of the preceding claims, wherein the granulation liquid further comprises phosphoric acid.

9. A method as claimed in any one of the preceding  
30 claims, wherein the sulphuric acid and optionally water and/or optionally phosphoric acid are mixed to a granulation liquid, and that the granulation liquid is then added to the calcium compound in a granulating device.

10. A method as claimed in any one of the preceding  
35 claims, wherein the sulphuric acid and optionally water and/or optionally phosphoric acid are added to the calcium compound each separately in a granulating device.

11. A composition which comprises calcium and phosphorus and which is produced by granulation of a calcium compound, characterised in that the granulation has been made by means of a granulation liquid comprising sulphuric acid.

12. Use of sulphuric acid in production of a granulate comprising calcium and phosphorus.